

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2004-154283  
(43)Date of publication of application : 03.06.2004

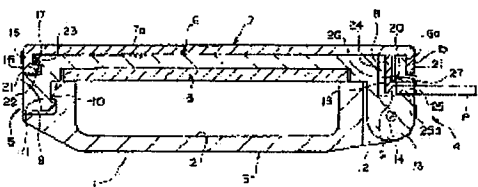
(51)Int.Cl.  
A45D 33/18  
B65D 43/02  
B65D 43/16  
B65D 51/24

(21)Application number : 2002-321873 (71)Applicant : SHISEIDO CO LTD  
YOSHIDA INDUSTRY CO LTD  
(22)Date of filing : 05.11.2002 (72)Inventor : FUJIOKA TOMOYOSHI  
YUZUHARA YUKITOMO

## (54) COSMETIC CONTAINER

(57)Abstract:  
**PROBLEM TO BE SOLVED:** To provide a cosmetic container capable of meeting a request to prevent a decorated part from being partly peeled off or falling off a lid body, and capable of enhancing the flexibility to allow a purchaser to select the outer appearance as the purchaser likes.

**SOLUTION:** The cosmetic container comprises an interchangeable cover 7 replaceably mounted to cover the lid body 6, a flexibly deformable elastic piece 18 mounted to project from the replaceable cover, an internal corner part 20 formed in the elastic piece 18, a vertical slit 24 formed in the lid body in the vertical direction toward a hinge block 13 into which the elastic piece is detachably inserted, a projecting corner part 27 formed inside the vertical slit to be engaged with the internal corner part so as not to be detached in the vertical direction and so as to be detachable in the horizontal direction, and a lateral slit 25 formed in the hinge block in the horizontal direction, communicating with the vertical slit, for applying the pressure operation force in the horizontal direction to the elastic piece to detach the internal corner part from the projecting corner part.



## LEGAL STATUS

[Date of request for examination] 18.08.2005  
[Date of sending the examiner's decision of rejection]  
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]  
[Date of final disposal for application]  
[Patent number]

[Date of registration]  
[Number of appeal against examiner's decision of rejection]  
[Date of requesting appeal against examiner's decision of rejection]  
[Date of extinction of right]

## \* NOTICES \*

JPO and INPI are not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.

2.\*\*\* shows the word which can not be translated.

3. In the drawings, any words are not translated.

## CLAIMS

## [Claim(s)]

## [Claim 1]

In the cosmetics container which prepared the hinge region which the lid which opens and closes the body of a container is made to hang in [ this ] one, and connects the lid concerned with this body of a container free [ rotation ].

Covering for exchange which covers this to the above-mentioned lid and is prepared in it exchangeable, and the elastic piece which was made to project from this covering for exchange, and was prepared and in which flexible deformation is free, The internal-corner section formed in this elastic piece, and the vertical slit by which it is formed in the vertical direction over the above-mentioned lid, and the above-mentioned elastic piece is inserted in the above-mentioned hinge region free [ insert and remove ]. It is formed in this vertical slit. To balking impossible in the above-mentioned internal-corner section and the vertical direction And the external corner section engaged horizontally free [ engaging and releasing ]. The cosmetics container characterized by having a horizontal slit for applying a press operating physical force horizontal to the above-mentioned elastic piece in order make the above-mentioned hinge region open for free passage with the above-mentioned vertical slit, to be formed horizontally and to make the above-mentioned internal-corner section secede from the above-mentioned external corner section.

## [Claim 2]

The cosmetics container according to claim 1 characterized by forming the wedge-like clearance which raises a part of press operating physical force, and is changed into the force between said elastic pieces and said horizontal slits in order to raise this elastic piece along with said vertical slit.

[Translation done.]

## \* NOTICES \*

JPO and IPPI are not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
- 2.\*\*\* shows the word which can not be translated.
- 3.in the drawings, any words are not translated.

## DETAILED DESCRIPTION

## [Detailed Description of the Invention]

[0001]

## [Field of the Invention]

This invention relates to the cosmetics container which can raise the degree of freedom as which it can respond to the request that that it is also partial separates and a decoration part does not fall out from a lid, and a purchaser can choose an appearance again according to liking.

[0002]

## [Description of the Prior Art]

Generally, a cosmetics container is equipped with the body of a container which contains cosmetics, and the lid which opens this body of a container or is closed, and is constituted. And in order to raise the design nature to the body of these containers and lid which make the appearance of a cosmetics container, decoration is given by various approaches from the former. For example, and the pattern etc. was attached upwards using the imprint sheet, transparency and a translucent layer are piled [ an alphabetic character a pattern, etc. are imprinted, or ] up, and it is made to ornament at the body of a container, or a lid. [ that sputtering etc. performs surface treatment ]

[0003]

In addition, the applicant for this patent has applied for the application for patent 2001-249000 as related precedence application.

[0004]

## [Problem(s) to be Solved by the Invention]

By the way, it is the purpose of offering the cosmetics container as a product in the high quality which is full of a high-class feeling if it is in the conventional cosmetics container. that it is also partial separates and a decoration part falls out neither from the body of a container, nor a lid — as — the above — even if it was in which decoration approach, separation impossible had mutually the request that it had to form in one so that a decoration part might become really indivisible to the body of a container, or a lid.

[0005]

Such a request meant that the appearance of a cosmetics container was limited to the design which the producer selected on the other hand, and the purchaser had barred enabling it to choose the design appearance of a cosmetics container freely according to liking. For this reason, a purchaser cannot find the cosmetics container of the design included in mind, but is considered that this had become the cause of restraint from buying.

[0006]

It aims at offering the cosmetics container which can raise the degree of freedom as which this invention can be originated in view of the above-mentioned conventional technical problem, and it can respond to the request that that it is also partial separates and a decoration part does not fall out, especially to a lid, and a purchaser can choose an appearance again according to liking.

[0007]

## [Means for Solving the Problem]

In the cosmetics container which prepared the hinge region which the cosmetics container

concerning this invention is made to hang in [ this ] one to the lid which opened and closes the body of a container, and connects the lid concerned with this body of a container free [ rotation ] Covering for exchange which covers this to the above-mentioned lid and is prepared in it exchangeable, and the elastic piece which was made to project from this covering for exchange, and was prepared and in which flexible deformation is free. The internal-corner section formed in this elastic piece, and the vertical slit by which it is formed in the vertical direction over the above-mentioned lid, and the above-mentioned elastic piece is inserted in the above-mentioned hinge region free [ insert and remove ]. It is formed in this vertical slit. To balking impossible in the above-mentioned internal-corner section and the vertical direction And the external corner section engaged horizontally free [ engaging and releasing ]. It is characterized by having a horizontal slit for applying a press operating physical force horizontal to the above-mentioned elastic piece in order make the above-mentioned hinge region open for free passage with the above-mentioned vertical slit, to be formed horizontally and to make the above-mentioned internal-corner section secede from the above-mentioned external corner section. It becomes possible to raise the degree of freedom as which it can respond to the request that that it is also partial separates and a decoration part does not fall out from a lid by this, and a purchaser can choose an appearance again according to liking.

[0008]

Moreover, between said elastic pieces and said horizontal slits, in order to raise this elastic piece along with said vertical slit, it is characterized by forming the wedge-like clearance which raises a part of press operating physical force, and is changed into the force. Thereby, covering for exchange is lifted from a lid through an elastic piece, and the exchange operability of covering for exchange improves at the same time the internal-corner section secedes from the external corner section.

[0009]

## [Embodiment of the Invention]

Below, 1 suitable operation gestalt of the cosmetics container concerning this invention is explained with reference to an accompanying drawing at a detail. The dishd body 3 of the container made of synthetic resin with which the receipt crevice 2 was formed as the cosmetics container 1 concerning this operation gestalt was shown in drawing 1 - drawing 4. While connecting with the cross-direction back end of the body 3 of a container free [ the rotation to the vertical direction ] through a hinge 4 and opening and closing the body 3 of a container It is prepared in the lid 6 made of the synthetic resin of the shape of a board which engages with the front end of the body 3 of a container free [ engaging and releasing ] through hook 5, and maintains the closedown condition of the body 3 of a container concerned, and a lid 6 free [ attachment and detachment ], and a lid 6 mainly consists of coverings 7 for exchange made of wrap board-like synthetic resin exchangeable.

[0010]

If it is in the example of illustration, although, as for the covering 7 for exchange, a flat-surface appearance profile is formed in the body 3 of these containers, a lid 6, and a list in the shape of a rectangle, you may be the shape of a polygon, and a circle configuration. The mirror 8 is attached in the rear face of a lid 6.

[0011]

Hook 5 consists of projection 10 for a hook which protruded in the hollow 9 formed in the front end of the body 3 of a container, and a piece 11 of a hook which hangs from the front end of a lid 6 and engages with the projection 10 for a hook free [ engaging and releasing ]. Moreover, a hinge 4 consists of that a hinge pin is inserted in the pin hole 14 which the hinge block 13 as a hinge region made to hang in one from the back end of a lid 6 was put between the pieces 12 of a hinge by which the pair protrusion was carried out from the back end of the body 3 of a container, and was further formed ranging from these hinge blocks 13 to the piece 12 of a hinge, and a hinge block 13 is connected with the body 3 of a container free [ rotation ] through the piece 12 of a hinge with a hinge pin.

[0012]

If the cosmetics container 1 and this operation gestalt have the covering 7 for exchange, what

various kinds of various decoration was given is prepared so that a purchaser can choose the design—appearance of a lid 6 freely according to liking. The decoration part given to the covering 7 for these exchange is really formed in separation impossible in one indivisible by the approach of general common knowledge to the covering 7 for exchange so that that it is also partial may separate and it may not drop out. The covering 7 for exchange is formed with the almost same dimension so that the appearance profile may be in agreement with the appearance profile of the body 3 of a container, on a lid 6, covers this and piles it up. The quality of the material of the covering 7 for exchange may be not only the product made of synthetic resin but metal.

[0013]

The covering 7 for exchange is made to hang from the periphery edge to a lid 6 side, and the annular suspension section 15 is formed in it. Spacing is separated suitably crosswise [ of the body 3 of a container / right-and-left ], the engagement projected part 16 is formed in the suspension section 15 located in a hook 5 side by turning up to the inferior-surface-of-tongue 7a side of the covering 7 for exchange, and the internal-corner section 17 angle attachment was carried out [ the section ] by this engagement projected part 16 is formed in it. Moreover, inferior-surface-of-tongue 7a of the covering 7 for exchange is made to project from a hinge block 13 right above location to a lower part, and the elastic piece 18 in which flexible deformation is horizontally free is formed in it. The lower limit of this elastic piece 18 is made to project behind [ cross-direction ] a lid 6 from this, the stop projection 19 is formed in it, and the internal-corner section 20 by which angle attachment was carried out is formed in the elastic piece 18 of this stop projection 19.

[0014]

On the other hand, a lid 6 is made to project from peripheral-wall 6a to the method of outside, and the annular flange 21 in which the suspension section 15 of the covering 7 for exchange is laid is formed in it. Moreover, by hollowing this, the engagement crevice 22 for inserting the engagement projected part 16 of the covering 7 for exchange free [ insert and remove ] is formed in peripheral-wall 6a located in a hook 5 side, and the external corner section 23 by which angle attachment was carried out in this engagement crevice 22 is formed. And the internal-corner section 17 is engaged horizontally free [ engaging and releasing ] impossible [ balking ] in the vertical direction to the external corner section 23 by equipping with the covering 7 for exchange from the hook 5 side of a lid 6, and inserting the engagement projected part 16 in the engagement crevice 22.

[0015]

Moreover, while the vertical slit 24 which is crossed to a lid 6 to a hinge block 13 and by which the elastic piece 18 is inserted in the vertical direction free [ insert and remove ] is formed, a hinge block 13 is made open for free passage with the vertical slit 24, the horizontal slit 25 is horizontally formed in it, and a L character-like through-hole is formed in a hinge block 13 of these lengthly slit 24 and the horizontal slit 25. In the vertical slit 24, it is made to project from that inside toward the stop projection 19 of the elastic piece 18 to the cross-direction front of a lid 6, the convex rib 26 is formed, and the external corner section 27 which faces the internal-corner section 20 by which angle attachment was carried out with this convex rib 26 is formed. And this external corner section 27 is engaged in the internal-corner section 20 and the vertical direction horizontally free [ engaging and releasing ] impossible [ balking ] by stopping the stop projection 19 of the elastic piece 18 inserted into the vertical slit 24 under the convex rib 26.

[0016]

It has the horizontal slit 25 in order make the internal-corner section 20 secede from the external corner section 27 and to apply a press operating physical force horizontal to the elastic piece 18, and it is opened for free passage with the vertical slit 24 concerned in the location which the stop projection 19 of the elastic piece 18 inserted into the vertical slit 24 attains. And the elastic piece 18 can be made to transform into this horizontal slit 25 horizontally with the press actuation implement P which the press actuation implements P, such as coin for carrying out press actuation, were inserted, and inserted the elastic piece 18 now.

[0017]

Furthermore, if it is in the stop projection 19 and the convex rib 26, as shown in drawing 2, the

field which faces mutually in the process in which the stop projection 19 overcomes the convex rib 26 is formed in respect of [ 28 and 29 ] a taper in order to make the riding \*\*\*\* smooth. Again and between the taper side 28 of the stop projection 19, and base 25a of the horizontal slit 25 in order to raise the elastic piece 18 along with the vertical slit 24, it goes in the inner part of the horizontal slit 25. That is, it is narrowed one by one along the path of insertion of the press actuation implement P, and the clearance G between the shape of a wedge which raises a part of the press operating physical force, and is changed into the force is formed by inserting the press actuation implement P inserted into the horizontal slit 25.

[0018]

If an operation of the cosmetics container 1 concerning this operation gestalt explains, in case the purchaser who purchased the cosmetics container 1 exchanges for the new covering 7 for exchange of other designs the covering 7 for exchange with which the lid 6 is equipped, as shown in drawing 1, a press actuation implement P will insert into the horizontal slit 25 toward the stop projection 19 of the elastic piece 18 which is in the convex rib 26 and a stop condition within a hinge block 13. And when press actuation of the stop projection 19 is carried out with the press actuation implement P, as it is shown in drawing 3 While flexible deformation of the elastic piece 18 is horizontally carried out within the vertical slit 24, the internal-corner section 20 secedes from the external corner section 27 in connection with this flexible deformation and the stop condition of the covering 7 for exchange over a lid 6 is canceled. The operation whose press actuation implement P inserted in the rust-like clearance G which can come,

simultaneously goes away between the taper side 28 of the stop projection 19 and base 25a of the horizontal slit 25 raises the elastic piece 17 up is also demonstrated. The elastic piece 18 has with engagement discharge of these internal-corners section 20 and the external corner section 27, by raising, as shown in drawing 4, it is bounded and raised, and it makes and the covering 7 for exchange is separated from a lid 6.

[0019]

After that, if the covering 7 for exchange is extruded ahead of [ horizontal ] a lid 6, the engagement projected part 16 can be made to be able to secede from the engagement crevice 22, and, thereby, the covering 7 for exchange can be removed from a lid 6.

[0020]

subsequently, in case a lid 6 is equipped with the new covering 7 for exchange While inserting the engagement projected part 16 into the engagement crevice 22 and making it engage with a lid 6 front-end side, it sets to a lid 6 back-end side. If the elastic piece 18 is inserted into the vertical slit 24 and the covering 7 for exchange is pushed toward a lid 6 as it is While the stop projection 19 overcomes the convex rib 26 with flexible deformation of the elastic piece 18, it engages with the external corner section 27, and thereby, the internal-corner section 20 can lay the new covering 7 for exchange on top of a lid 6, and can attach it.

[0021]

If it is in the cosmetics container 1 concerning this operation gestalt as explained above. The covering 7 for exchange which covers this to a lid 6 and is prepared in it exchangeable, and the elastic piece 18 which was made to project from the covering 7 for exchange, and was prepared and in which flexible deformation is free. The internal-corner section 20 formed in the elastic piece 18, and the vertical slit 24 by which it is formed in the vertical direction over a lid 6, and the elastic piece 18 is inserted in a hinge block 13 free [ insert and remove ]. It is formed in the vertical slit 24. To balking impossible in the internal-corner section 20 and the vertical direction. And the external corner section 27 engaged horizontally free [ engaging and releasing ]. Since it had the horizontal slit 25 for applying a press operating physical force horizontal to the elastic piece 18 in order made a hinge block 13 open for free passage with the vertical slit 24, to have been formed horizontally and to have made the internal-corner section 20 secede from the external corner section 27 the appearance of the cosmetics container 1 is limited to the design which the producer selected — there is nothing — as the cosmetics container 1 — a purchaser — liking — responding — an appearance — a degree of freedom — it shall choose highly and, thereby, attractiveness to consumers shall be raised

[0022]

Moreover, as covering 7 for exchange, like the conventional lid etc., that it is also partial separates, and a decoration part does not fall out from the covering 7 for exchange, and the cosmetics container 1 as a product can be offered in the high quality which is full of a high-class feeling without the former and inferiority that what is necessary is just to form the decoration part of each other in separation impossible in one really indivisible therefore.

[0023]

Moreover, the engagement projected part 16, the engagement crevice 22, and the convex rib 26 that engages with a list at the stop projection 19, the stop projection 19 of the convex rib 26 and the elastic piece 18 by which especially flexible deformation is carried out, and this By having engaged with baking impossible free [engaging and releasing] in the vertical direction in the internal-corner sections 17 and 20 and the external corner sections 23 and 27 by which angle attachment was carried out Even if it can attach the covering 7 for exchange in a lid 6 firmly, it can fix and a big impact joins the cosmetics container 1 by fall etc., the covering 7 for exchange can prevent dropping out of a lid 6 simply certainly by this. Thus, while the stable maintenance of the covering 7 for exchange can be carried out at a lid 6, by the forcing actuation of the covering 7 for exchange to a lid 6, and press actuation from the horizontal slit 25 of carrying out flexible deformation of the elastic piece 18, the stop projection 19 and the convex rib 26 can be made to be able to engage and release, and covering 7 for exchange can be exchanged easily.

[0024]

In order to raise the elastic piece 18 along with the vertical slit 24 especially between the taper side 28 of the stop projection 19, and base 25a of the horizontal slit 25 Since the wedge-like clearance G which raises a part of press operating physical force, and is changed into the force was formed, in case the covering 7 for exchange is removed The covering 7 for exchange has been bounded to a lid 6, the elastic piece 18 using this wedge-like clearance G — raising — thereby, a user Since the covering 7 for exchange will be in the condition of having lost touch with a lid 6 while the covering 7 for exchange can carry out learning of having seceded from the lid 6, the covering 7 for exchange can be easily removed from a lid 6 rather than the case where these both pile up.

[0025]

Moreover, the function carried out smoothly also has a stop with the convex rib 26, and the taper side 28 of the stop projection 19 can be carried out smoothly in wearing actuation of the covering 7 for exchange. Furthermore, it can prevent that are trying to form the vertical slit 24 and the horizontal slit 25 for using a hinge block 13, and the dimension of the cosmetics container 1 benefits large exchange actuation of the covering 7 for exchange. Moreover, since the vertical slit 24 is formed in the lid 6 covered with the covering 7 for exchange and the horizontal slit 25 was formed in the hinge block 13, these slits 24 and 25 used for exchange actuation cannot be conspicuous, and the appearance of the cosmetics container 1 can be kept good.

[0026]

The modification of the above-mentioned operation gestalt is shown in drawing 5 and drawing 6. In this modification, the suspension section 15 by the side of a hinge 4 is made to meet, and the elastic piece 18 is formed in one with this. Even if it is in such a modification, of course, the same operation and effectiveness as the above-mentioned operation gestalt are done so. If it is especially in this modification, while being able to make shallow the immersion depth of the press actuation implement P required for engagement discharge and being able to improve operability, the metal mold configuration for fabricating the covering 7 for exchange can be simplified.

[0027]

[Effect of the Invention]

Above, in short, if it is in the cosmetics container concerning this invention, the degree of freedom as which it can respond to the request that that it is also partial separates and a decoration part does not fall out from a lid, and a purchaser can choose an appearance again according to liking can be raised.

[Brief Description of the Drawings]

[Drawing 1] It is the sectional side elevation showing 1 suitable operation gestalt of the

cosmetics container concerning this invention.

[Drawing 2] It is the decomposition strabism sectional view of the cosmetics container of drawing 1.

[Drawing 3] In the cosmetics container of drawing 1, it is the partial expansion sectional side elevation of the hinge block circumference showing the first phase of removing covering for exchange.

[Drawing 4] In the cosmetics container of drawing 1, it is the partial expansion sectional side elevation of the hinge block circumference showing the phase of the last which removes covering for exchange.

[Drawing 5] It is the partial expansion sectional side elevation of the hinge block circumference showing the modification of the cosmetics container concerning this invention.

[Drawing 6] It is the partial expansion decomposition strabism sectional view showing the hinge block circumference of the cosmetics container of drawing 5.

[Description of Notations]

1 Cosmetics Container 3 Body of Container

6 Lid 7 Covering for Exchange

13 Hinge Block 18 Elastic Piece

20 Internal-Corner Section 24 Vertical Slit

25 Horizontal Slit 27 External Corner Section

G Wedge-like clearance

[Translation done.]

## \* NOTICES \*

JPO and INPIIT are not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.

2.\*\*\* shows the word which can not be translated.

3.In the drawings, any words are not translated.

---

DESCRIPTION OF DRAWINGS

---

[Brief Description of the Drawings]

[Drawing 1] It is the sectional side elevation showing 1 suitable operation gestalt of the cosmetics container concerning this invention.

[Drawing 2] It is the decomposition strabism sectional view of the cosmetics container of drawing 1.

[Drawing 3] In the cosmetics container of drawing 1, it is the partial expansion sectional side elevation of the hinge block circumference showing the first phase of removing covering for exchange.

[Drawing 4] In the cosmetics container of drawing 1, it is the partial expansion sectional side elevation of the hinge block circumference showing the phase of the last which removes covering for exchange.

[Drawing 5] It is the partial expansion sectional side elevation of the hinge block circumference showing the modification of the cosmetics container concerning this invention.

[Drawing 6] It is the partial expansion decomposition strabism sectional view showing the hinge block circumference of the cosmetics container of drawing 5.

[Description of Notations]

1 Cosmetics Container 3 Body of Container

6 Lid 7 Covering for Exchange

13 Hinge Block 18 Elastic Piece

20 Internal-Corner Section 24 Vertical Slit

25 Horizontal Slit 27 External Corner Section

G Wedge-like clearance

---

[Translation done.]

(19) 日本特許庁(JP)

(12) 公開特許公報(A)

(11) 特許出願公開番号

特開2004-154283

(P2004-154283A)

(43) 公開日 平成16年03月31日(2004.6.3)

(61) Int. Cl. <sup>7</sup>	F 1		チーコード (参考)
	A 45 D	33/18	
A 45 D	33/18	A	3E084
B 65 D	43/02	B	
B 65 D	43/16	Z	
B 65 D	51/24	D	

審査請求 未請求 請求項の数 2 O L (全 9 頁)

(21) 出願番号 (22) 出願日	特開2002-321873 (P2002-321873) 平成14年11月5日(2002.11.5)	(71) 出願人 000001559 株式会社資生堂 東京都中央区銀座7丁目5番5号
		(72) 発明者 吉田工業株式会社 東京都墨田区立花5丁目29番10号
		(74) 代理人 100094042 弁護士 鈴木 知
		(74) 代理人 100071283 弁護士 一色 健爾
		(72) 発明者 藤岡 智愛 神奈川県横浜市都筑区早瀬2-2-1 株式会社資生堂リサーチセンター内

最終頁に続く

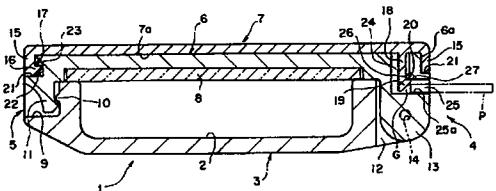
(64) [発明の名称] 化粧料容器

(57) 【要約】  
【課題】 加飾部分が蓋体から部分的にでも剥がれたり、また脱落したりすることがないという要請に応えることができる、かつまた購買者が好みに応じて外觀を選ぶことができる自由度を高めることが可能な化粧料容器を提供する。

【解決手段】 蓋体6にこれを取って交換可能に設けられる交換用カバー7と、交換用カバー7から突出させて設けられた可撓変形自在な弾性片18と、弾性片18に形成された入隅部20と、蓋体6にヒンジロックス13へわたって上下方向に形成され、弾性片18が押板自在に挿入される縦スリット24と、縦スリット内に形成され、入隅部と上下方向に離脱不能に、かつ水平方向に係脱自在に係合される出隅部27と、ヒンジロックスに縦スリットと連通させて水平方向に形成され、出隅部から入隅部を離脱させるべく、弾性片に水平方向の押圧操作力を加えるための横スリット25とを備えた。

【選択図】

図1



【特許請求の範囲】

【請求項1】

容器本体を閉閉する蓋体に、これより一体的に垂下させて当該蓋体を該容器本体に回動自在に連結するヒンジ部を設けた化粧料容器において、上記蓋体にこれを取って交換可能に設けられる交換用カバーと、該交換用カバーから突出させて設けられた可撓変形自在な弾性片と、該弾性片に形成された入隅部と、上記蓋体に上記ヒンジ部へわたって上下方向に形成され、上記弾性片が挿板自在に挿入される縦スリットと、該縦スリット内に形成され、上記弾性片に上下方向に離脱不能に、かつ水平方向に係脱自在に係合される出隅部と、上記ヒンジ部に上記縦スリットと連通させて水平方向に形成され、上記出隅部から上記入隅部を離脱させるべく、上記弾性片に水平方向の押圧操作力を加えるための横スリットとを備えたことを特徴とする化粧料容器。

【請求項2】

前記弾性片と前記縦スリットとの間には、該弾性片を前記縦スリットに沿って持ち上げるために、押圧操作力の一部を持ち上げ力に変換するくさび状隙間が形成されていることを特徴とする請求項1に記載の化粧料容器。

【発明の詳細な説明】

【0001】

【発明の属する技術分野】

本発明は、加飾部分が蓋体から部分的にでも剥がれたり、また脱落したりすることがないという要請に応えることができ、かつまた購買者が好みに応じて外觀を選ぶことができる自由度を高めることが可能な化粧料容器に関する。

【0002】

【従来の技術】

一般に化粧料容器は、化粧料を収納する容器本体と、この容器本体を開いたり閉じたりする蓋体とを備えて構成されている。そして化粧料容器の外觀をなすこれらの容器本体や蓋体に対しては、そのデザイン性を高めるために、従来からさまざまな方法によって加飾が施されている。例えば、スバツタリシグなどによって表面処理を行ったり、転写シートを用いて文字や模様などを転写したり、あるいは模様などを付した上に透明・半透明の層を重ねたりするなどして、容器本体や蓋体に装飾を施すようにしていた。

【0003】

なお、本願出願人は、関連する先行出願として、特開2001-249000を出願している。

【0004】

【発明が解決しようとする課題】

ところで、従来の化粧料容器にあっては、製品としての化粧料容器を高感度感される高い品質で提供するという目的で、加飾部分が容器本体や蓋体から部分的にでも剥がれたり、また脱落したりすることがないように、上記いずれの加飾方法にあっては、容器本体や蓋体に対し加飾部分が一体不可分となるように互いに分離不能に一体的に形成しなければならぬという要請があった。

【0005】

このような要請は反面、化粧料容器の外觀が生産者の選定したデザインに限定されることを意味し、購買者が化粧料容器の意匠的外觀を、好みに応じて自由に選べるようにすることを妨げていた。このため、購買者は気に入ったデザインの化粧料容器を見つめることができず、こればかりの買い控えの、困らなっていたと考えられる。

【0006】

本発明は上記従来の課題に鑑みて創案されたものであって、特に蓋体に対して、加飾部分が部分的にでも剥がれたり、また脱落したりすることがないという要請に応えることができ、かつまた購買者が好みに応じて外觀を選ぶことができる自由度を高めることが可能な化粧料容器を提供することを目的とする。

【0007】

## 【課題を解決するための手段】

本発明にかかると、容器本体を開閉する蓋体に、これより一体的に垂下させて当該蓋体を容器本体に回転自在に連結するヒンジ部を設けた化粧料容器において、上記蓋体にこれを覆って交換可能な設けられる交換用カバーと、該交換用カバーから突出させて設けられた可撓変形自在な弾性片と、該弾性片に形成された入隅部と、上記蓋体に上記ヒンジ部へわたって上下方向に形成され、上記弾性片が挿抜自在に挿入される縦スリットと、該縦スリット内に形成され、上記入隅部と上記縦スリットとに通させて水平方向に係脱自在に係合される出隅部と、上記ヒンジ部に上記縦スリットと通させて水平方向に形成され、上記出隅部から上記入隅部を離脱させるべく、上記弾性片に水平方向の押圧操作力を加えるための横スリットとを備えたことを特徴とする。これにより、加飾部分が蓋体から部分的にでも剥がれたり、また脱落したりすることがないという要請に応えることができ、かつまた購買者が好みに応じて外觀を選ぶことができる旨の度を高めることが可能となる。

## 【0008】

また、前記弾性片と前記横スリットとの間には、該弾性片を前記縦スリットに沿って持ち上げるために、押圧操作力の一部を持ち上げ力に変換するくさび状隙面が形成されていることを特徴とする。これにより、出隅部から入隅部が離脱すると同時に、弾性片を介して交換用カバーが蓋体から持ち上げられ、交換用カバーの交換操作性が向上する。

## 【0009】

## 【発明の実施の形態】

以下に、本発明にかかると化粧料容器の好適な一実施形態を、添付図面を参照して詳細に説明する。本実施形態にかかると化粧料容器１は図１～図４に示すように、収納凹部２が形成された皿状の合成樹脂製容器本体３と、容器本体３の前後方向後端にヒンジ４を介して上下方向へ回転自在に連結されて容器本体３を開閉するとともに、容器本体３の前端にフック５を介して係脱自在に係合されて当該容器本体３の閉止状態を維持する板体状の合成樹脂製の蓋体６と、蓋体６に着脱自在に設けられ、交換可能な蓋体状の合成樹脂製の交換用カバー７とから主に構成される。

## 【0010】

図示例にあっては、これら容器本体３、蓋体６、並びに交換用カバー７は平面外形輪郭が矩形状に形成されるけれども、多角形状や円形状であってもよい。蓋体６の裏面には、鏡８が取り付けられている。

## 【0011】

フック５は、容器本体３の前端に形成された凹所９内に突設されたフック用突起１０と、蓋体６の前端から垂下されてフック用突起１０に係脱自在に係合されるフック片１１とから構成される。またヒンジ４は、容器本体３の後端から一対突設されたヒンジ片１２間に、蓋体６の後端から一体的に垂下させたヒンジ部としてのヒンジブロック１３が挟み込まれ、さらにこれらヒンジブロック１３からヒンジ片１２にわたって形成したピン穴１４に、ヒンジピンが挿入されることで構成され、ヒンジブロック１３は、ヒンジピンによりヒンジ片１２を介して容器本体３に回転自在に連結される。

## 【0012】

交換用カバー７は、化粧料容器１、本実施形態にあっては蓋体６の意匠的外観を購買者が好みに応じて自由に変更できるように、各種のさまざまな加飾が施されたものが用意されるようになっている。これら交換用カバー７に施される加飾部分は、部分的にでも剥がれたり、また脱落したりすることがないように、交換用カバー７に対して一般周知の方法によって、一体不可分に分離不能に一体的に形成される。交換用カバー７は、その外形輪郭が容器本体３の外形輪郭と一致するようにほぼ同じ外形寸法で形成され、蓋体６の上にこれを覆って重ね合わされる。交換用カバー７の材質は合成樹脂製に限らず、金属製であってもよい。

## 【0013】

交換用カバー７には、その外周縁から蓋体６側に垂下させて環状の垂下部１５が形成され

る。フック５側に位置する垂下部１５には、容器本体３の左右幅方向に適宜間隔を隔てて、交換用カバー７の下面７ａ側へ折り返すことで係合突起１６が形成され、この係合突起１６によって角付けされた入隅部１７が形成される。また、交換用カバー７の下面７ａには、ヒンジブロック１３直上位置から下方へ突出させて、水平方向に可撓変形自在な弾性片１８が設けられる。この弾性片１８の下端には、これより蓋体６の後方方向後方へ突出させて係止突起１９が形成され、この係止突起１９によって、弾性片１８には角付けされた入隅部２０が形成される。

## 【0014】

他方、蓋体６には、その外周壁６ａから外方へ突出させて、交換用カバー７の垂下部１５が載置される環状のフランジ部２１が形成される。またフック５側に位置する外周壁６ａにはこれを解させることで、交換用カバー７の係合突起１６を挿抜自在に挿入するための係合凹部２２が形成され、この係合凹部２２によって、角付けされた出隅部２３が形成される。そして、交換用カバー７を蓋体６のフック５側から装着して係合突起１６を係合凹部２２に差し込むことにより、入隅部１７が出隅部２３に対して上下方向へは離脱不能にかつ水平方向へは係脱自在に係合されるようになっている。

## 【0015】

また、蓋体６にはヒンジブロック１３へわたって上下方向に、弾性片１８が挿抜自在に挿入される縦スリット２４が形成されるとともに、ヒンジブロック１３には、縦スリット２４と連通させて水平方向に横スリット２５が形成され、これら縦スリット２４および横スリット２５によりヒンジブロック１３には、Ｌ字状の通孔が形成される。縦スリット２４内には、その内面から蓋体６の後方方向前方へ弾性片１８の係止突起１９に向かつて突出させて凸状リブ２６が形成され、この凸状リブ２６により、角付けされた入隅部２０に向かい合う出隅部２７が形成される。そしてこの出隅部２７は、縦スリット２４内に挿入された弾性片１８の係止突起１９が凸状リブ２６下に係止されることにより、入隅部２０と上下方向に離脱不能にかつ水平方向に係脱自在に係合される。

## 【0016】

横スリット２５は、出隅部２７から入隅部２０を離脱させるべく、弾性片１８に水平方向の押圧操作力を加えるために備えられ、縦スリット２４内に挿入された弾性片１８の係止突起１９が通する位置において当該縦スリット２４と連通される。そしてこの横スリット２５には、弾性片１８を押圧操作するためのコインなどの押圧操作具Ｐが挿入され、挿入した押圧操作具Ｐによって弾性片１８を水平方向に変形させることができるようになる。

## 【0017】

さらに、係止突起１９および凸状リブ２６にあっては図２に示すように、係止突起１９が凸状リブ２６を乗り越える過程で互いに向かい合う面が、その乗り越えをスムーズにするためにテーパ面２８、２９で形成される。そしてまた、係止突起１９のテーパ面２８と横スリット２５の底面２５ａとの間には、弾性片１８を縦スリット２４に沿って持ち上げるために、横スリット２５の奥に向かつて、すなわち押圧操作具Ｐの挿入方向に沿って順次狭められ、横スリット２５内に挿入される押圧操作具Ｐが差し入れられることによりその押圧操作力の一部を持ち上げ力に変換するくさび状の隙間Ｇが形成される。

## 【0018】

本実施形態にかかると化粧料容器１の作用について説明すると、化粧料容器１を購入した購買者が蓋体６に装着されている交換用カバー７を、他のデザインの新たな交換用カバー７に交換する際には図１に示すように、ヒンジブロック１３内で凸状リブ２６と係止状態にある弾性片１８の係止突起１９に向かつて、横スリット２５内に押圧操作具Ｐを挿入する。そして押圧操作具Ｐで係止突起１９を押圧操作すると図３に示すように、弾性片１８が縦スリット２４内で水平方向に可撓変形され、この可撓変形に伴って入隅部２０が出隅部２７から離脱されて蓋体６に対して交換用カバー７の係止状態が解除されるとともに、これと同時に、係止突起１９のテーパ面２８と横スリット２５の底面２５ａとの間のくさび状隙間Ｇに差し込まれた押圧操作具Ｐが弾性片１７を上方向に持ち上げる作用も発揮し、こ

れら入隅部20および出隅部27の係合解除と、弾性片18の持ち上げとによって交換用カバー7は、図4に示すように蓋体6から跳ね上げられるようにして分離される。

【0019】

その後は、交換用カバー7を蓋体6の水平方向前方へ押し出せば、係合突部16を係合凹部22から離脱させることができ、これにより交換用カバー7を蓋体6から取り外すことができる。

【0020】

次いで、新たな交換用カバー7を蓋体6に装着する際には、蓋体6前側側において係合突部16を係合凹部22に差し入れて係合させる一方で、蓋体6後端側においては、弾性片18を縦スリット24内に挿入してそのまま交換用カバー7を蓋体6に向かって押し付ければ、弾性片18の可撓変形を伴って係止突起19が凸状リブ26を乗り越えたと同時に入隅部20が出隅部27と係合し、これにより新しい交換用カバー7を蓋体6に重ね合わせて取り付けることができる。

【0021】

以上説明したように本実施形態にかかる化粧料容器1にあつては、蓋体6にこれを覆って交換可能に設けられる交換用カバー7と、交換用カバー7から突出させて設けられた可撓変形自在な弾性片18と、弾性片18に形成された入隅部20と、蓋体6にヒンジプロック13へわたって上下方向に形成され、弾性片18が押抜自在に押入される縦スリット24と、縦スリット24内に形成され、入隅部20と上下方向に離脱不能に、かつ水平方向に係合自在に係合される出隅部27と、ヒンジプロック13に縦スリット24と直通させて水平方向に形成され、出隅部27から入隅部20を離脱させるべく、弾性片18に水平方向の押圧操作力を加えるための横スリット25とを備えたので、化粧料容器1の外観が生産者の選定したデザインに限定されることがなく、化粧料容器1として、購買者が好みに応じて外觀を自由度高く選ぶことができ、これにより購買意欲を高め得るものとすることができる。

【0022】

また、交換用カバー7としては、従来の蓋体などと同様に、加飾部分を一体不可分に互いに分離不能に一体的に形成すればよく、従って加飾部分が交換用カバー7から部分的にでも剥がれたり、また脱落したりすることがなく、製品としての化粧料容器1を、従来と遜色のない高級感溢れる高い品質で提供することができる。

【0023】

また、係合突部16と係合凹部22、並びに係止突起19と凸状リブ26、特に可撓変形される弾性片18に係止突起19とこれに係合する凸状リブ26とを、上下方向には離脱不能に角付けされた入隅部17、20と出隅部23、27とで係脱自在に係合したことににより、交換用カバー7を蓋体6にしつかりと取り付け固定することができる。落下などによって化粧料容器1に大きな衝撃が加わったとしても、これによって交換用カバー7が蓋体6から簡単に脱落することを確実に防止することができる。このように交換用カバー7を蓋体6に安定的保持できる一方で、蓋体6に対する交換用カバー7の押し付け操作や、弾性片18を可撓変形させる横スリット25からの押圧操作によって係止突起19と凸状リブ26とを係脱させることができ、簡単に交換用カバー7の交換を行うことができる。

【0024】

特に、係止突起19のテーパ面28と横スリット25の底面25aとの間に、弾性片18を縦スリット24に沿って持ち上げるために、押圧操作力の一部を持ち上げ力に変換するくさび状隙間Gを形成したので、交換用カバー7を取り外す際には、このくさび状隙間Gを利用した弾性片18の持ち上げによって、交換用カバー7を蓋体6に対して跳ね上げることができ、これにより使用者は、交換用カバー7が蓋体6から離脱したことを知得できるとともに、交換用カバー7が蓋体6から浮き上がった状態となるので、これら両者が重ね合わされている場合よりも、容易に交換用カバー7を蓋体6から取り外すことができる。

【0025】

また、係止突起19のテーパ面28は、凸状リブ26との係止を容易化する機能も併せ持ち、交換用カバー7の装着操作を円滑化することができる。さらに、ヒンジプロック13を利用してこれに縦スリット24および横スリット25を形成するようにして、交換用カバー7の交換操作のために化粧料容器1の外形寸法が大きくならないようにして、交換することができ、また、縦スリット24を交換用カバー7に覆われる蓋体6に形成し、横スリット25をヒンジプロック13に形成するようにしたので、交換操作に利用されるこれらスリット24、25が11πつことはなく、化粧料容器1の外観を良好に保つことができる。

【0026】

図5および図6には、上記実施形態の変形例が示されている。この変形例では、ヒンジ4側の垂下部15に沿わせてこれと一体的に弾性片18が形成されている。このような変形例にあつても、上記実施形態と同様の作用・効果を奏することはもちろんである。特にこの変形例にあつては、係合解除に必要な押圧操作員Pの押入深さを浅くすることができ、操作性を向上できるとともに、交換用カバー7を成形するための金型形状を簡略化することができる。

【0027】

【発明の効果】

以上要するに、本発明にかかる化粧料容器にあつては、加飾部分が蓋体から部分的にでも剥がれたり、また脱落したりすることがないという要請に応えることができ、かつまた購買者が好みに応じて外觀を選ぶことができる自由度を高めることができる。

【図面の簡単な説明】

【図1】本発明にかかる化粧料容器の好適な一実施形態を示す側断面図である。

【図2】図1の化粧料容器の分解斜視断面図である。

【図3】図1の化粧料容器において、交換用カバー7を取り外す最初の段階を示すヒンジプロック周辺の部分拡大側断面図である。

【図4】図1の化粧料容器において、交換用カバー7を取り外す最後の段階を示すヒンジプロック周辺の部分拡大側断面図である。

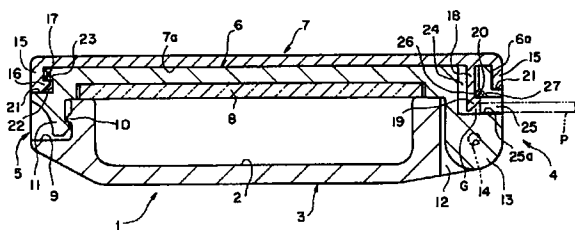
【図5】本発明にかかる化粧料容器の変形例を示す、ヒンジプロック周辺の部分拡大側断面図である。

【図6】図5の化粧料容器のヒンジプロック周辺を示す、部分拡大分解斜視断面図である。

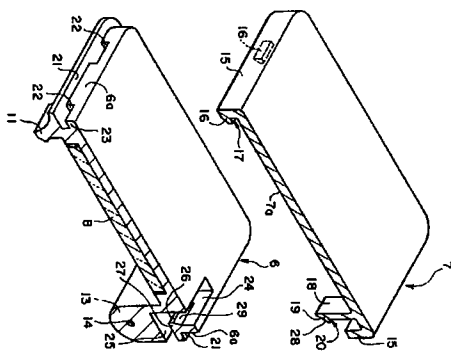
【符号の説明】

1	化粧料容器	3	容器本体
6	蓋体	7	交換用カバー
13	ヒンジプロック	18	弾性片
20	入隅部	24	縦スリット
25	横スリット	27	出隅部
G	くさび状隙間		

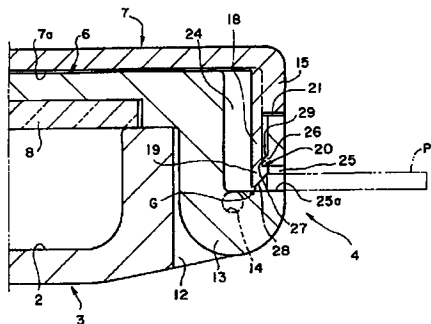
【図1】



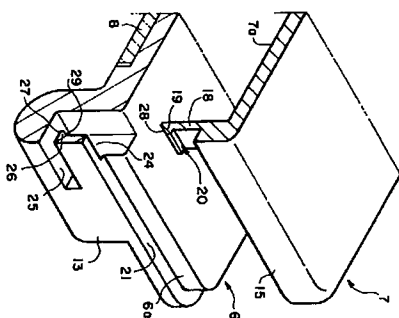
【図2】



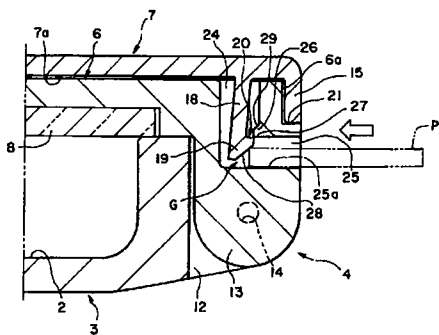
【図5】



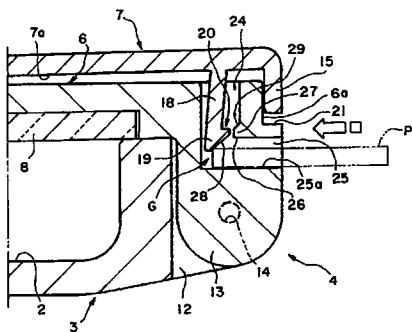
【図6】



【図3】



【図4】



フロントページの続き

(72)発明者 畑原 幸知

東京都墨田区立花5丁目29番10号 古田工業株式会社内

Fターム(参考) 3H084 A005 A014 A024 B002 C003 C003 C003 C006 C006

JA19 LA18